

L Number	Hits	Search Text	DB	Time stamp
1	1	("5377044").PN.	USPAT	2002/10/30 11:39
-	2840	methyl\$3tri\$3ethoxysilane	USPAT	2002/10/28 12:27
-	5754	methyl\$3tri\$3ethoxysilane or	USPAT	2002/04/15 12:16
-		tetra\$3ethoxysilane		
-	468740	glass	USPAT	2002/04/15 12:17
-	1975	methyl\$3tri\$3ethoxysilane and	USPAT	2002/04/13 13:54
-		(methyl\$3tri\$3ethoxysilane or		
-		tetra\$3ethoxysilane) and glass		
-	44384	grat\$7	USPAT	2002/04/13 13:55
-	16	grat\$7 and (methyl\$3tri\$3ethoxysilane and	USPAT	2002/04/13 13:58
-		(methyl\$3tri\$3ethoxysilane or		
-		tetra\$3ethoxysilane) and glass)		
-	3	("4026720" "4439239" "5869152").PN.	USPAT	2002/04/13 13:57
-	69057	lense	USPAT	2002/04/13 14:03
-	203	(methyl\$3tri\$3ethoxysilane and	USPAT	2002/04/13 14:04
-		(methyl\$3tri\$3ethoxysilane or		
-		tetra\$3ethoxysilane) and glass) and lense		
-	0	6207263.URPN.	USPAT	2002/04/13 14:19
-	1	"5747152".PN.	USPAT	2002/04/13 14:21
-	13	("4188451" "4207357" "4687707"	USPAT	2002/04/13 14:22
-		"4765729" "5028566" "5314724"		
-		"5413865" "5415927" "5424130"		
-		"5484749" "5489328" "5561021"		
-		"5759643").PN.		
-	399731	optic\$3	USPAT	2002/04/13 14:25
-	580	optic\$3 and (methyl\$3tri\$3ethoxysilane and	USPAT	2002/04/13 14:26
-		(methyl\$3tri\$3ethoxysilane or		
-		tetra\$3ethoxysilane) and glass)		
-	12432	organosiloxane or organopolysiloxane or	USPAT	2002/04/13 16:54
-		(silicon adj alkoxide) or organosilicon		
-	69414	microlenses or lenses	USPAT	2002/04/13 16:54
-	494	(organosiloxane or organopolysiloxane or	USPAT	2002/04/13 16:38
-		(silicon adj alkoxide) or organosilicon)		
-		and (microlenses or lenses)		
-	126	nakama.in. and kenichi.in.	EPO; JPO;	2002/04/13 16:51
-			DERWENT	
-	2	katsuhide.in. and shinmou.in.	EPO; JPO;	2002/04/13 16:52
-			DERWENT	
-	5754	methyl\$3tri\$3ethoxysilane or	USPAT	2002/04/13 16:53
-		tetra\$3ethoxysilane		
-	2242	methyl\$3tri\$3ethoxysilane or	EPO; JPO;	2002/04/13 16:54
-		tetra\$3ethoxysilane	DERWENT	
-	63802	microlenses or lenses	EPO; JPO;	2002/04/13 16:54
-			DERWENT	
-	24092	organosiloxane or organopolysiloxane or	EPO; JPO;	2002/04/13 16:54
-		(silicon adj alkoxide) or organosilicon	DERWENT	
-	222	((methyl\$3tri\$3ethoxysilane or	EPO; JPO;	2002/04/13 16:55
-		tetra\$3ethoxysilane) or (organosiloxane	DERWENT	
-		or organopolysiloxane or (silicon adj		
-		alkoxide) or organosilicon)) and		
-		(microlenses or lenses)		
-	134336	methyl\$3tri\$3ethoxysilane or	USPAT	2002/04/15 12:19
-		tetra\$3ethoxysilane or silicone		
-	468740	glass	USPAT	2002/04/15 12:17
-	6789	\$6glare	USPAT	2002/04/15 12:18
-	116539	\$6reflection	USPAT	2002/04/15 12:18
-	5941	(methyl\$3tri\$3ethoxysilane or	USPAT	2002/04/15 12:19
-		tetra\$3ethoxysilane or silicone) and glass		
-		and (\$6glare or \$6reflection)		
-	5754	methyl\$3tri\$3ethoxysilane or	USPAT	2002/04/15 12:19
-		tetra\$3ethoxysilane		
-	437	(methyl\$3tri\$3ethoxysilane or	USPAT	2002/04/15 12:58
-		tetra\$3ethoxysilane) and glass and		
-		(\$6glare or \$6reflection)		
-	348230	lenses or projection	USPAT	2002/04/15 12:44
-	152	((methyl\$3tri\$3ethoxysilane or	USPAT	2002/04/15 12:44
-		tetra\$3ethoxysilane) and glass and		
-		(\$6glare or \$6reflection)) and (lenses or		
-		projection)		
-	5677	silicone and glass and (\$6glare or	USPAT	2002/04/15 12:58
-		\$6reflection)		

-	1636	(silicone and glass and (\$6glare or \$6reflection)) and (lenses or projection) (359/581).CCLS.	USPAT	2002/04/15 13:23
-	113	(359/577-590).CCLS.	USPAT	2002/04/15 13:24
-	1748	(methyl\$3tri\$3ethoxysilane or tetra\$3ethoxysilane or silicone) and ((359/577-590).CCLS.)	USPAT	2002/04/15 14:12
-	113	(359/601-614).CCLS.	USPAT	2002/04/15 13:25
-	1542	(methyl\$3tri\$3ethoxysilane or tetra\$3ethoxysilane or silicone) and ((359/601-614).CCLS.)	USPAT	2002/04/15 14:13
-	65	(sol\$1gel\$1 or (sol near3 gel) ("6207263") or ("5212596")).PN.	USPAT	2002/04/15 14:48
-	8606	(428/156-188).CCLS.	USPAT	2002/04/15 14:49
-	2	organopolysiloxane or organosiloxane or silicone or siloxane or oxosilane or silane	USPAT	2002/04/15 16:25
-	8794	?siloxane	USPAT	2002/10/28 12:28
-	176797	\$silane	USPAT	2002/10/28 12:48
-	109	\$siloxane	USPAT	2002/10/28 12:30
-	65155	\$SILOXANE(DIMETHYLTETRAETHOXYSILOXANE)	USPAT	2002/10/28 12:38
-	44749	\$silane	USPAT	2002/10/28 16:27
-	3540	\$silane	USPAT	2002/10/28 12:38
-	65155	\$silane	USPAT	2002/10/28 12:41
-	65155	\$SILANE(N-OCTYLMETHYLDICHLOROSILANE)	USPAT	2002/10/28 16:23
-	26248	\$SILANE(CHLOROMETHYLNEOPHYLTRIMETHOXYSILANE)	USPAT	2002/10/28 12:45
-	16927	\$SILANE(3812S-SILANE)	USPAT	2002/10/28 12:47
-	1862	\$silicone	USPAT	2002/10/28 12:48
-	129542	\$siloxane or (\$SILOXANE(DIMETHYLTETRAETHOXYSILOXANE)) or \$silane or \$silane or (\$SILANE(N-OCTYLMETHYLDICHLOROSILANE)) or (\$SILANE(CHLOROMETHYLNEOPHYLTRIMETHOXYSILANE)) or (\$SILANE(3812S-SILANE)) or \$silicone	USPAT	2002/10/28 16:23
-	195558	((428/156-188).CCLS.) and (\$siloxane or (\$SILOXANE(DIMETHYLTETRAETHOXYSILOXANE)) or \$silane or \$silane or (\$SILANE(N-OCTYLMETHYLDICHLOROSILANE)) or (\$SILANE(CHLOROMETHYLNEOPHYLTRIMETHOXYSILANE)) or (\$SILANE(3812S-SILANE)) or \$silicone	USPAT	2002/10/28 12:49
-	910	((428/156-188).CCLS.) and (\$siloxane or (\$SILOXANE(DIMETHYLTETRAETHOXYSILOXANE)) or \$silane or \$silane or (\$SILANE(N-OCTYLMETHYLDICHLOROSILANE)) or (\$SILANE(CHLOROMETHYLNEOPHYLTRIMETHOXYSILANE)) or (\$SILANE(3812S-SILANE)) or \$silicone	USPAT	2002/10/28 12:50
-	193	((428/156-188).CCLS.) and (\$siloxane or (\$SILOXANE(DIMETHYLTETRAETHOXYSILOXANE)) or \$silane or \$silane or (\$SILANE(N-OCTYLMETHYLDICHLOROSILANE)) or (\$SILANE(CHLOROMETHYLNEOPHYLTRIMETHOXYSILANE)) or (\$SILANE(3812S-SILANE)) or \$silicone) and optic\$4	USPAT	2002/10/28 12:51
-	129542	\$silicone	USPAT	2002/10/28 16:23
-	65155	\$silane	USPAT	2002/10/28 16:26
-	26248	\$SILANE(N-OCTYLMETHYLDICHLOROSILANE)	USPAT	2002/10/28 16:29
-	16927	\$SILANE(CHLOROMETHYLNEOPHYLTRIMETHOXYSILANE)	USPAT	2002/10/28 16:32
-	1862	\$SILANE(3812S-SILANE)	USPAT	2002/10/28 16:32
-	44749	\$siloxane	USPAT	2002/10/28 16:36
-	3540	\$SILOXANE(DIMETHYLTETRAETHOXYSILOXANE)	USPAT	2002/10/28 16:37
-	195558	\$silicone \$silane (\$SILANE(N-OCTYLMETHYLDICHLOROSILANE)) (\$SILANE(CHLOROMETHYLNEOPHYLTRIMETHOXYSILANE)) (\$SILANE(3812S-SILANE)) \$siloxane (\$SILOXANE(DIMETHYLTETRAETHOXYSILOXANE)) (359/\$3.\$2).CCLS.	USPAT	2002/10/28 16:38
-	871	((359/\$3.\$2) or (359/\$3)).CCLS.	USPAT	2002/10/28 16:38
-	62972	((359/\$3.\$2).CCLS.) or ((359/\$3.\$2) or (359/\$3)).CCLS.) and (\$silicone \$silane (\$SILANE(N-OCTYLMETHYLDICHLOROSILANE)) (\$SILANE(CHLOROMETHYLNEOPHYLTRIMETHOXYSILANE)) (\$SILANE(3812S-SILANE)) \$siloxane (\$SILOXANE(DIMETHYLTETRAETHOXYSILOXANE)))	USPAT	2002/10/28 16:41
-	2118		USPAT	

-	1537	(((359/\$3.\$2).CCLS.) or (((359/\$3.\$2) or (359/\$3)).CCLS.)) and (\$silicone \$silane (\$SILANE(N-OCTYLMETHYLDICHLOROSILANE)) (\$SILANE(CHLOROMETHYLNEOPHYLTRIMETHOXY-SILANE)) (\$SILANE(3812S-SILANE)) \$siloxane (\$SILOXANE(DIMETHYLTETRAETHOXY-SILOXANE)))) and transparent	USPAT	2002/10/28 16:42
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DERWENT-ACC-NO: 1996-510677
DERWENT-WEEK: 199651
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TITLE: Opto-magnetic recording medium - has thin lubricant film formed from same copolymer compsn. of top coat, i.e. poly-alkyl-polysiloxane and poly-aryl-polysiloxane, but compsn. does not exceed 80% of wt.

PATENT-ASSIGNEE: TEIJIN LTD[TEIJ]

PRIORITY-DATA: 1995JP-0085910 (March 20, 1995)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 08263887 A	October 11, 1996	N/A	006	G11B 011/10

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP08263887A	N/A	1995JP-0085910	March 20, 1995

INT-CL (IPC): G11B011/10

ABSTRACTED-PUB-NO: JP08263887A

BASIC-ABSTRACT: The layer has a plastic substrate (1), two dielectric films (2), a magneto-optical recording film (3), a reflective film (4), a top coat layer (5) composed from an insoluble macromolecule film, and a thin lubricant film (6). A magnetic field is set-up behind the lubricant film during data access.

The top coat consists of a 200 units molecular wt. polyoxyalkylene, and a 500 units copolymer of poly-alkyl-polysiloxane and poly-aryl-polysil oxane, while the lubricant film contains the same copolymer but the components does not exceeds 80% of the wt.

ADVANTAGE - Prevents changes in surface characteristic of opto-magnetic recording medium even when slide operation is performed. Ensures stable opto-magnetic recording medium performance, through suppression of crack formations. Enables redn. in appts., recording medium, and magnetic head sizes.

CHOSEN-DRAWING: Dwg.1/1

TITLE-TERMS:

OPTO MAGNETIC RECORD MEDIUM THIN LUBRICATE FILM FORMING
COPOLYMER COMPOSITION
TOP COAT POLY ALKYL POLYSILOXANE POLY ARYL POLYSILOXANE
COMPOSITION WEIGHT

DERWENT-CLASS: A26 A85 G02 L03 T03 W04

CPI-CODES: A05-H01B; A06-A00E4; A12-E08A2; A12-L03C; G02-A05B1;
G06-A; G06-A08;
G06-A11; G06-A13; G06-B01; G06-C06; G06-D07; G06-H17; L03-B05F;
L03-B05K3;
L03-B05L1;

EPI-CODES: T03-D01A1A; T03-D01A7A; W04-D01A;

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1]

018 ; P0000

Polymer Index [1.2]

018 ; ND01 ; Q9999 Q8877*R Q8855 ; Q9999 Q8924*R Q8855 ; K9701
K9676

; K9416 ; K9483*R ; K9712 K9676 ; B9999 B5414*R B5403 B5276

Polymer Index [2.1]

018 ; D11 D10 D18*R D50 F86 ; H0260 ; P1445*R F81 Si 4A ; P0975*R
P0964 F34 D01 D10

Polymer Index [2.2]

018 ; ND01 ; Q9999 Q8877*R Q8855 ; Q9999 Q8924*R Q8855 ; K9701
K9676

; K9416 ; K9483*R ; K9712 K9676 ; K9574 K9483 ; Q9999 Q7841 ; Q9999
Q7114*R ; B9999 B5094 B4977 B4740 ; B9999 B5367 B5276

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1997-013892

Non-CPI Secondary Accession Numbers: N1997-035974